



# Notice to Navigation Interests

US Army corps  
Of Engineers  
Buffalo District  
1776 Niagara Street  
Buffalo, New York 14207-3199

L06 - 22

MAY 10, 2006

Notice No.

Date

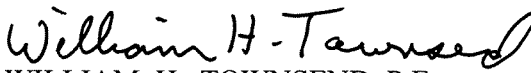
Waterway

Lake Erie, Ohio

LRB-TD-ONS

## Condition of Federal Navigation Channel Lorain Harbor, Lorain, Ohio

1. Condition surveys performed within the Federal navigation Channel at Lorain Harbor, Ohio during the month of April 2006 indicate shoaling has reduced depths to those shown on the attached standard tabular form and channel condition drawings.
2. Soundings are in feet and referred to Low Water Datum (LWD) 569.2 feet above Mean Water Level (MWL) at Rimouski, Quebec (International Great Lakes Datum 1985).
3. Vessel operators are advised to use caution when navigating in this area.
4. Copies of the sounding print for Lorain Ohio consisting of (2) sheets, 06S-LOR-1/1 thru 1/2, at a cost of \$2.50 per sheet will be furnished upon receipt of a check in the full amount made payable to: United States Army Engineer District, Buffalo. Requests should be addressed to: District Commander, U.S. Army Engineer District, Buffalo, ATTN: NY/PA O&M Office, 1776 Niagara Street, Buffalo, New York 14207, requesting exact number or copies of sheets by file number. A point of contact and phone number must be indicated to facilitate response to the request. To obtain copies of the maps and other related materials, point your web browsers to <http://www.lrb.usace.army.mil/WhoWeAre/WaterMgmt/survey/survey.html>. Click on the year and then locate the harbor on the table of harbors.
5. Buffalo district's point of contact in reference to the exact number of sheets, file number, and the availability of any later information pertaining to the area is Mr. Kelly L. Maccarone, Chief of the Survey Section, Buffalo District, and may be contacted by phone at 716-879-4285.

  
WILLIAM H. TOWNSEND, P.E.  
Chief, NY/PA Navigation and  
Maintenance Section



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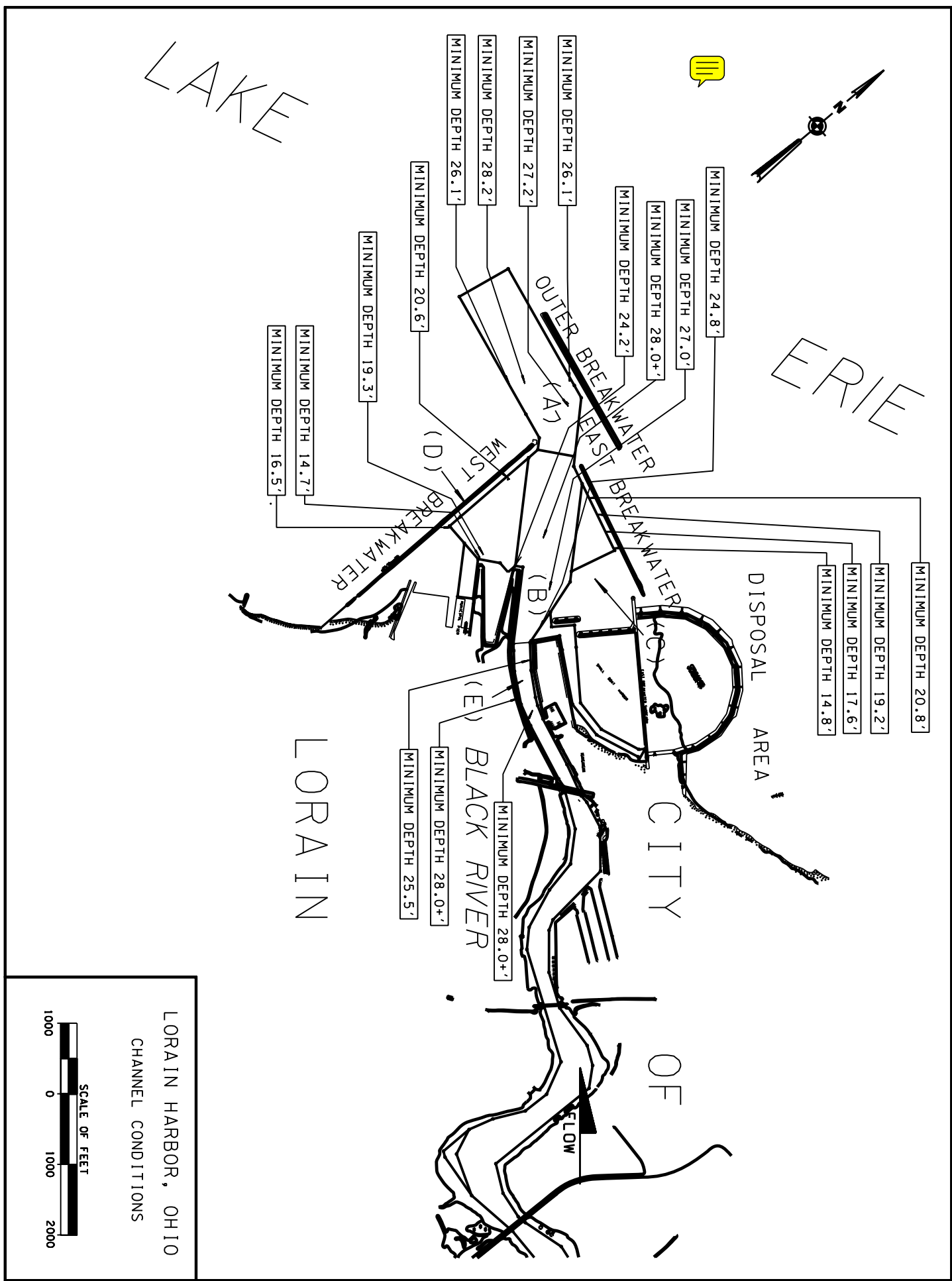
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Chief, NY/PA Navigation and  
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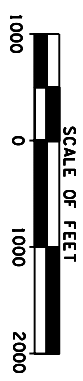
<b>REPORT OF CHANNEL CONDITIONS</b> <b>(FOR CHANNELS 400 FEET WIDE OR GREATER)</b> <b>(ER-1330-2-316)</b>					PAGE 2 OF 7 PAGES			
					DATE MAY 10, 2006			
TO: ACCOMPANY LOCAL NOTICE TO NAVIGATION INTERESTS, DATED			FROM: U.S. ARMY CORPS OF ENGINEERS, BUFFALO DISTRICT 1776 NIAGARA STREET, BUFFALO, NY 14207-3199 (716) 879-4292 FAX (716) 879-4356					
RIVER/HARBOR NAME AND STATE <b>LORAIN HARBOR, LORAIN HARBOR, OHIO</b>					MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (feet)	DEPTH (feet)				
SHALLOWEST DEPTHS AS PER DRAWING					1	2	3	4
(A) LAKE APPROACH CHANNEL.	APRIL 2006	800-525	2000 ( a )	29	26.1	27.2	28.2	26.1
(B) OUTER HARBOR.	APRIL 2006	800-200	2700 (b)	28	24.8	27.0	28.0+	24.2
(C) EAST MOORING AREA.	APRIL 2006	0-580*	1250 (b)	25	14.8	17.6	19.2	20.8
(D) WEST MOORING AREA.	APRIL 2006	0-1000*	1550 (b)	25	20.6	19.3	14.7	16.5

REMARKS: \* NOT FULLY MAINTAINED: (a) LENGTH VARIES DEPENDING ON THE LOCATION OF THE 29 FOOT CONTOUR IN LAKE ERIE.  
 (b) IRREGULARLY SHAPED, WITH THE WIDTH VARYING. SEE PROJECT CONDITION DRAWINGS.

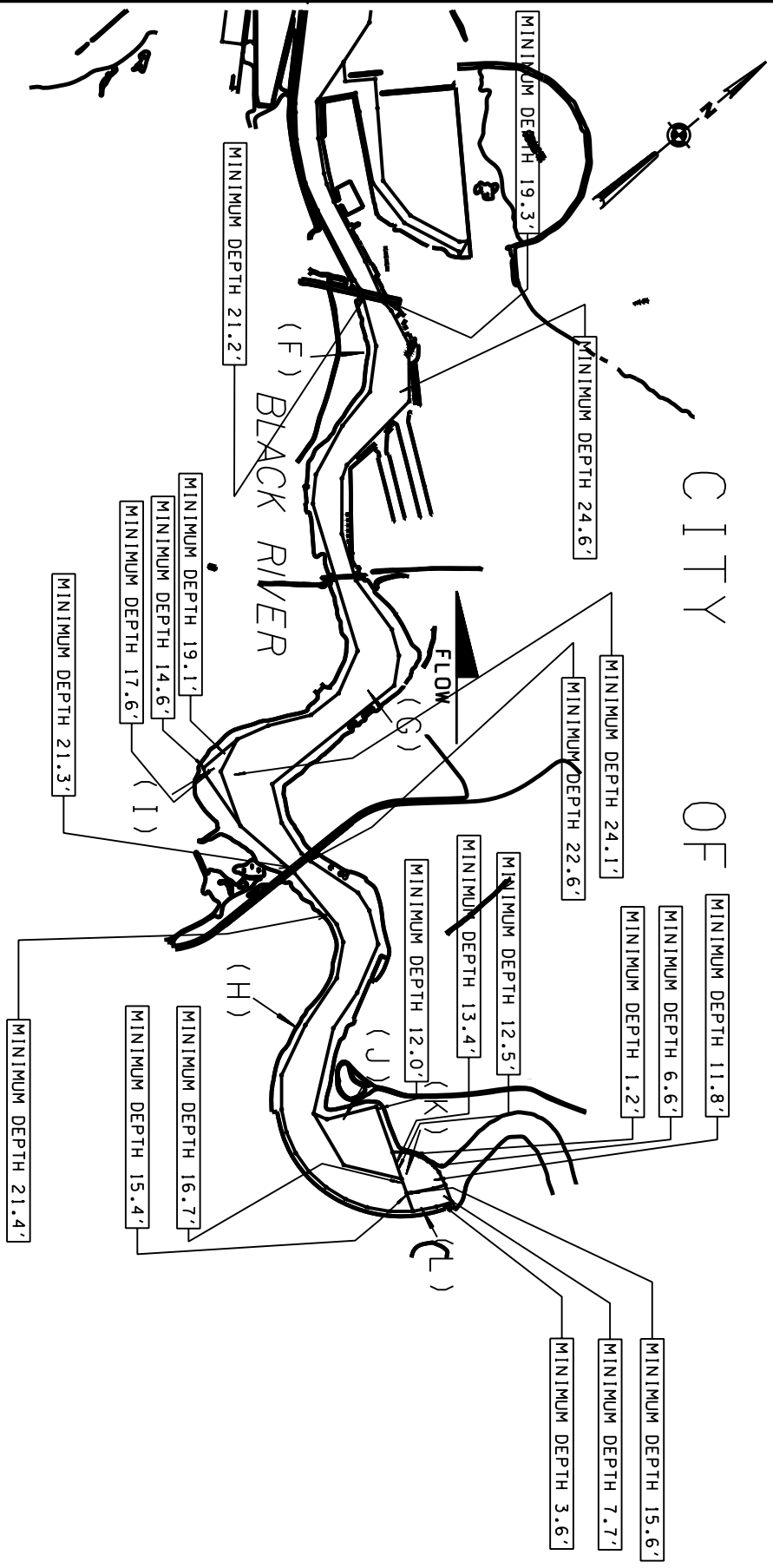
<b>REPORT OF CHANNEL CONDITIONS</b> <b>(FOR CHANNELS LESS THAN 400 FEET WIDE)</b> <b>(ER-1330-2-316)</b>					PAGE 3 OF 7 PAGES		
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RIVER/HARBOR NAME AND STATE <b>LORAIN HARBOR, LORAIN, OHIO</b>					MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD		
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (feet)	DEPTH (feet)			
(E) BLACK RIVER CHANNEL FROM EAST PIER LIGHT TO 1000 FEET UPSTREAM.	APRIL 2006	220	1000	28	25.5	28.0+	28.0+
(F) BLACK RIVER CHANNEL FROM UPSTREAM END OF (E) TO N&W RAILROAD BRIDGE.	APRIL 2006	200-400	4400	27	19.3	24.6	21.2
(G) BLACK RIVER CHANNEL FROM N&W RAILROAD BRIDGE TO THE 21 <sup>ST</sup> STREET BRIDGE.	APRIL 2006	200-600	4100	27	22.6	24.1	21.2
(H) BLACK RIVER CHANNEL FROM 21 <sup>ST</sup> STREET BRIDGE TO WITHIN 400 FEET OF UPSTREAM PROJECT LIMITS.	APRIL 2006	200-400	4800	27	16.7	15.4	21.4
(I) LOWER TURNING BASIN.	APRIL 2006	0-200	1000 (b)	20	19.1	17.6	14.6
(J) UPPER TURNING BASIN.	APRIL 2006	0-700	1200 (b)	21	12.0	13.4	12.5
(K) UPPER TURNING BASIN.	APRIL 2006	0-400	600 (b)	17	1.2	6.6	11.8
(L) BLACK RIVER CHANNEL, UPSTREAM 400 FEET.	APRIL 2006	200	400	24	15.6	7.7	3.6
REMARKS: (b) IRREGULARLY SHAPED, SEE PROJECT CONDITION DRAWINGS.							



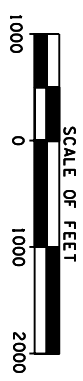
LORAIN HARBOR, OHIO  
CHANNEL CONDITIONS

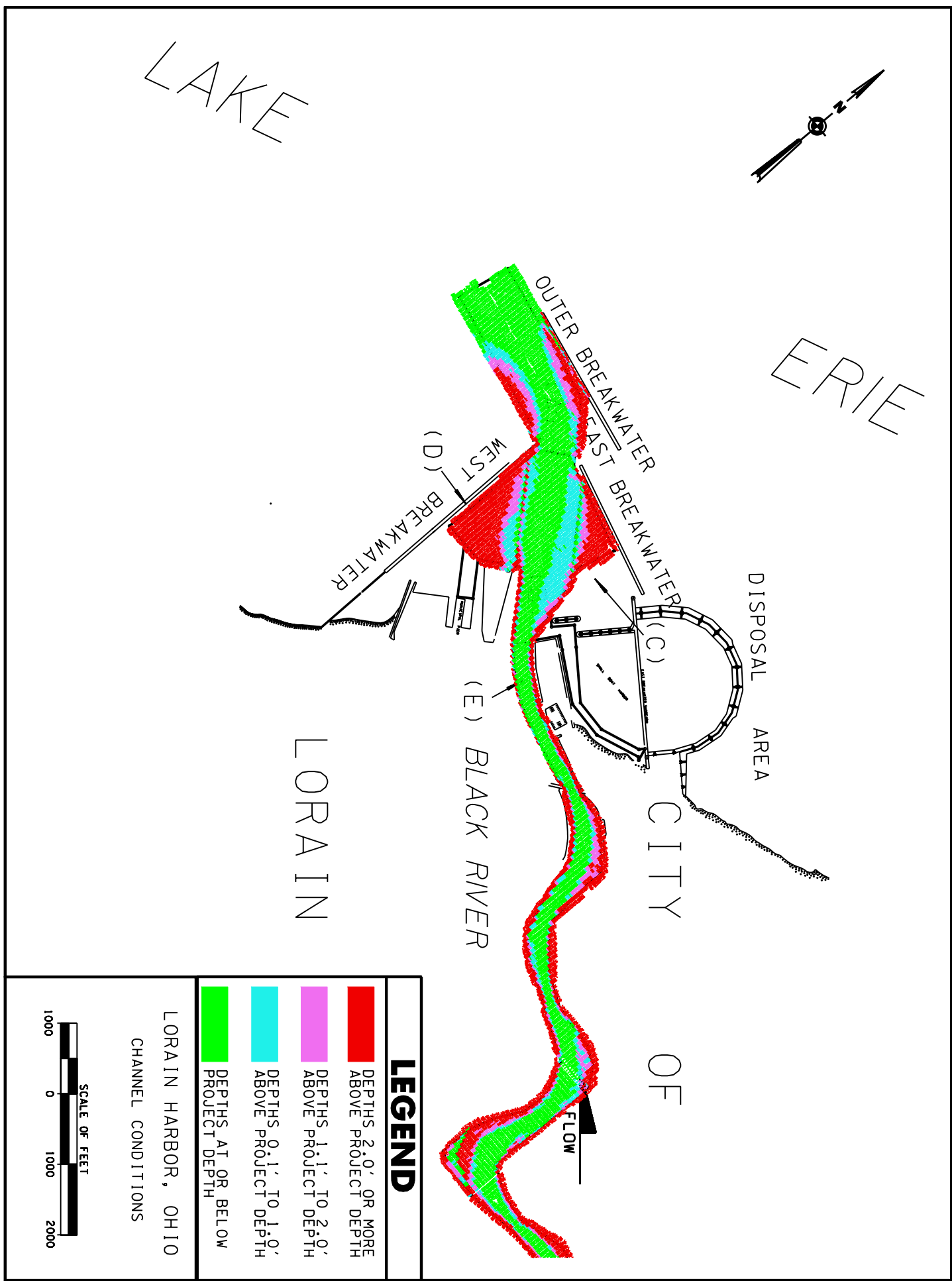


LORAIN



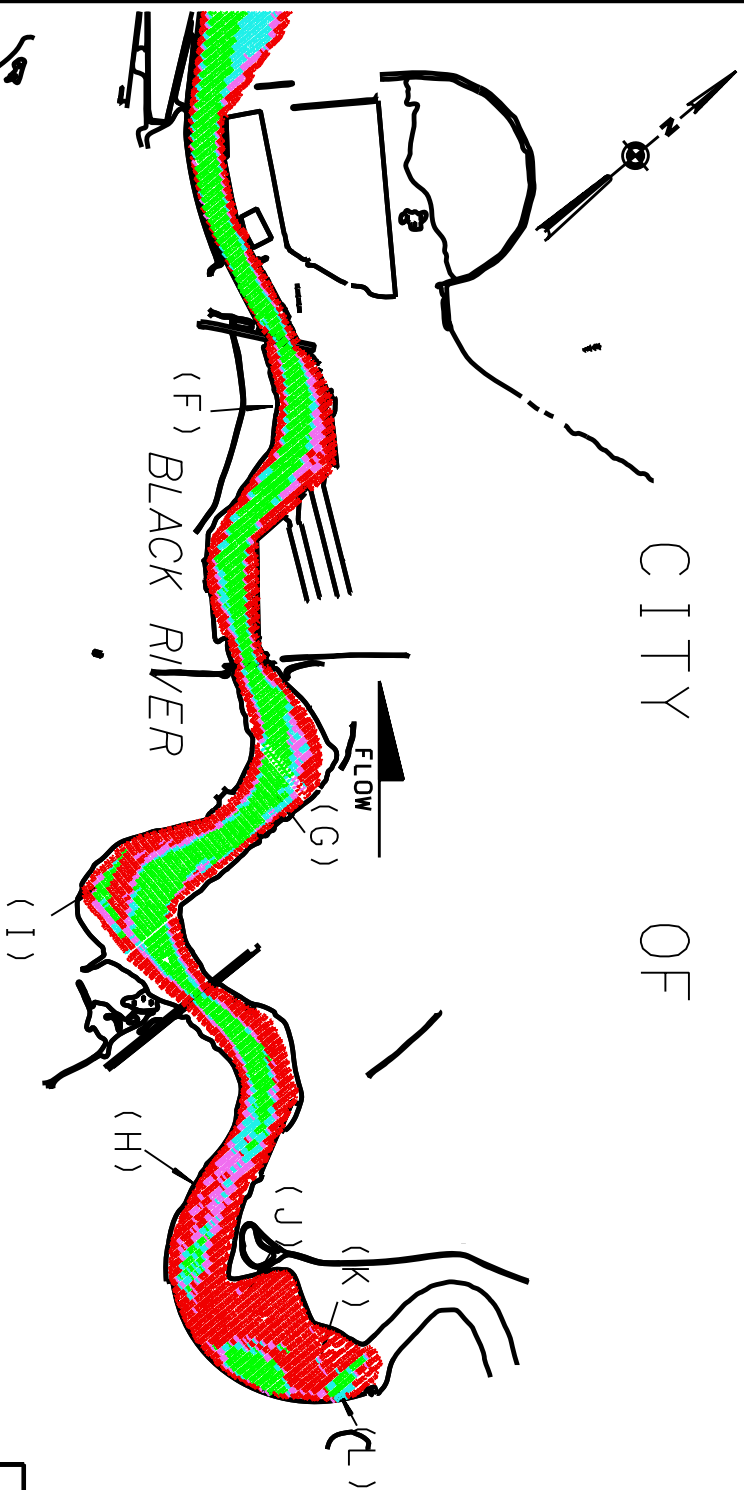
LORAIN HARBOR, OHIO  
CHANNEL CONDITIONS





LORAIN

CITY OF



**LEGEND**

	DEPTHS 2.0' OR MORE ABOVE PROJECT DEPTH
	DEPTHS 1.1' TO 2.0' ABOVE PROJECT DEPTH
	DEPTHS 0.1' TO 1.0' ABOVE PROJECT DEPTH
	DEPTHS AT OR BELOW PROJECT DEPTH

LORAIN HARBOR, OHIO  
CHANNEL CONDITIONS

